IN THE CLAIMS

Please delete Claims 1, 3-4, 6-7, and 10-11; amend claims 2, 5, and 8-9; and add new Claims 12-16, as follows:

2. (Once Amended) [The apparatus of Claim 1] An apparatus for transmitting spread spectrum data, comprising:

a modulation means for receiving data and for modulating the received data in accordance with a spread spectrum modulation format; and

an upconversion means for receiving the modulated data and for upconverting the modulated data for transmission at a frequency determined in accordance with a selection signal, wherein the selection signal is determined in accordance with a subset of bits from the received data.

5. (Once Amended) [The apparatus of Claim 1] An apparatus for transmitting spread spectrum data, comprising:

a modulation means for receiving data and for modulating the received data in accordance with a code channel selection signal; and

an upconversion means for receiving the modulated data and for upconverting the modulated data for transmission at a frequency determined in accordance with a selection signal, wherein the code channel selection signal is determined in accordance with a subset of bits of the received data.

8. (Once Amended) [The apparatus of Claim 7] An apparatus for transmitting spread spectrum data, comprising:

a spread spectrum modulator; and

at least one upconverter having an output, coupled to the spread spectrum modulator, the output of the upconverter having a carrier frequency that changes in accordance with a predetermined pattern, wherein the predetermined pattern is determined by a subset of bits from the spread spectrum data.

9. (Once Amended) [The apparatus of Claim 7] An apparatus for transmitting spread spectrum data, comprising:

a spread spectrum modulator; and

at least one upconverter having an output, coupled to the spread spectrum modulator, the output of the upconverter having a carrier frequency changing in accordance with a predetermined pattern, wherein the spread spectrum modulator modulates the spread spectrum data in accordance with a code channel selection signal that is determined in accordance with a subset of bits of the received data.

12. (New) An apparatus for transmitting spread spectrum data, comprising:

a modulation means for receiving data and for modulating the received data in accordance with a code channel selection signal that is determined in accordance with a subset of bits of the received data; and

an upconversion mean for receiving the modulated data and for upconverting the modulated data for transmission at a frequency determined in accordance with a selection signal that is determined in accordance with a subset of bits from the received data.

13. (New) A method for transmitting data, comprising:

modulating the data;

selecting a carrier frequency in accordance with a subset of bits from the data; and

upconverting the data using the selected carrier frequency.

14. (New) A method for transmitting data, comprising:

modulating the data in accordance with a code channel selection signal that is determined in accordance with a subset of bits of the data; and

upconverting the modulated data using a selected carrier frequency.

15. (New) A computer readable medium embodying a method for transmitting data, the method comprising:

modulating the data;

selecting a carrier frequency in accordance with a subset of bits from the data; and

upconverting the data using the selected carrier frequency.

16. (New) A computer readable medium embodying a method for transmitting data, the method comprising:

modulating the data in accordance with a code channel selection signal that is determined in accordance with a subset of bits of the data; and

upconverting the modulated data using a selected carrier frequency.

NEW SET OF CLAIMS

1. Deleted.

Sub C4

2. An apparatus for transmitting spread spectrum data, comprising:

a modulation means for receiving data and for modulating the received data in accordance with a spread spectrum modulation format; and

an upconversion means for receiving the modulated data and for upconverting the modulated data for transmission at a frequency determined in accordance with a selection signal, wherein the selection signal is determined in accordance with a subset of bits from the received data.

A1

3. Deleted.

4. Deleted.

Sub C5

5. An apparatus for transmitting spread spectrum data, comprising:

a modulation means for receiving data and for modulating the received data in accordance with a code channel selection signal; and

an upconversion means for receiving the modulated data and for upconverting the modulated data for transmission at a frequency determined in accordance with a selection signal, wherein the code channel selection signal is determined in accordance with a subset of bits of the received data.

A2

6. Deleted.

7. Deleted.

Sub C6

8. An apparatus for transmitting spread spectrum data, comprising:

a spread spectrum modulator; and

at least one upconverter having an output, coupled to the spread spectrum modulator, the output of the upconverter having a carrier frequency that changes in accordance with a predetermined pattern, wherein the predetermined pattern is determined by a subset of bits from the spread spectrum data.

A3 CONT

Sub B7

9. An apparatus for transmitting spread spectrum data, comprising:

a spread spectrum modulator; and

at least one upconverter having an output, coupled to the spread spectrum modulator, the output of the upconverter having a carrier frequency changing in accordance with a predetermined pattern, wherein the spread spectrum modulator modulates the spread spectrum data in accordance with a code channel selection signal that is determined in accordance with a subset of bits of the received data.

A3 cancel

10. Deleted.

11. Deleted.

Sub C7

12. An apparatus for transmitting spread spectrum data, comprising:

a modulation means for receiving data and for modulating the received data in accordance with a code channel selection signal that is determined in accordance with a subset of bits of the received data; and

an upconversion mean for receiving the modulated data and for upconverting the modulated data for transmission at a frequency determined in accordance with a selection signal that is determined in accordance with a subset of bits from the received data.

A4 cont

13. A method for transmitting data, comprising:

modulating the data;

selecting a carrier frequency in accordance with a subset of bits from the data; and

upconverting the data using the selected carrier frequency.

14. A method for transmitting data, comprising:

modulating the data in accordance with a code channel selection signal that is determined in accordance with a subset of bits of the data; and

upconverting the modulated data using a selected carrier frequency.

15. A computer readable medium embodying a method for transmitting data, the method comprising:

modulating the data;

selecting a carrier frequency in accordance with a subset of bits from the data; and

upconverting the data using the selected carrier frequency.

A4 cancel

16. A computer readable medium embodying a method for transmitting data, the method comprising:

modulating the data in accordance with a code channel selection signal that is determined in accordance with a subset of bits of the data; and

upconverting the modulated data using a selected carrier frequency.